DOCKET NO. STMI07-02021 CUSTOMER NO. 23990

OCT V 9 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re application of:

Franck Badets, et al.

Serial No.:

10/603,579

Filed:

June 25, 2003

For:

VARIABLE PHASE-SHIFTING CIRCUIT, PHASE

INTERPOLATOR INCORPORATING IT, AND DIGITAL FREQUENCY SYNTHESIZER INCORPORATING SUCH

AN INTERPOLATOR

Group No.:

2816

Examiner:

Tuan T. Lam

MAIL STOP RCE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.114

This RESPONSE UNDER 37 C.F.R. § 1.114 is filed in response to the final Office Action mailed July 5, 2007 having a shortened statutory period of reply set to expire on October 5, 2007. Please consider the Applicants' remarks and new arguments set forth below.